

Attorney Docket No.: 10473.204-US

JKW 1651

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Viksø-Nielsen et al. Confirmation No: 2808

Serial No.: 10/561,671 Group Art Unit: 1651

Filed: December 22, 2005 Examiner: TBA

For: Starch Process

INFORMATION DISCLOSURE STATEMENT (IDS) UNDER 37 CFR 1.97(b)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

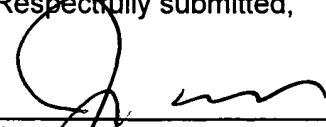
Sir:

In accordance with 37 C.F.R. 1.56, 1.97 and 1.98, Applicants submit herewith references which may be material to the patentability of this application and with respect to which there may be a duty to disclose. While the references may be material under 37 C.F.R. 1.56, it is not intended to constitute an admission that the references are prior art. The filing of this IDS shall not be construed as a representation that no other material references than those listed exist or that a search has been conducted.

The references are listed in Form PTO/SB/08A, which is in accordance with the requirements of M.P.E.P. 609. A copy of the references is enclosed. It is respectfully requested that these references be considered by the USPTO in its examination of the above-identified application and be made of record therein.

This IDS is being filed **within** three months of the filing date of a national application or date of entry into the national stage of an international application, or **before** the mailing date of a first Office action on the merits, or **before** the mailing date of a first Office action after the filing of a request for continued examination. Therefore, no fee is due.

Respectfully submitted,



Jason I. Garbell, Reg. No. 44,116
Novozymes North America, Inc.
500 Fifth Avenue, Suite 1600
New York, NY 10110
(212) 840-0097

Date: November 30, 2006



Attorney Docket No.: 10473.204-US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Viksø-Nielsen et al. Confirmation No: 2808

Serial No.: 10/561,671 Group Art Unit: 1651

Filed: December 22, 2005 Examiner: TBA

For: Starch Process

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that the attached correspondence comprising:

1. Information Disclosure Statement
2. Form PTO/SB/08A
3. Copy of References

is being deposited with the United States Postal Service as first class mail in an envelope addressed to the address indicated above on November 30, 2006.

Julie Tabarovsky
(name of person mailing paper)


(signature of person mailing paper)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/561,671
Sheet	2	of	5	Filing Date	December 22, 2005
				First Named Inventor	Viksø-Nielsen et al.
				Art Unit	1651
				Examiner Name	TBA
				Attorney Docket Number	10473.204-US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Protest Under 37 CFR 1.291 with Applicant's Consent	
		Abe et al., Carbohydrate Resarch, Vol. 175, pp.85-92 (1988)	
		Arasaratnam et al., Starch, Vol. 50, No. 6, pp. 264-266 (1998)	
		Yusaku Fujio, Biotechnology and Bioengineering, Vol. XXVI, pp. 315-319 (1984)	
		Fujio et al., Biotechnology and Bioengineering, Vol. XXVII, pp. 1270-1273 (1985)	
		Haska et al., Starch, Vol. 45, No. 7, pp. 241-244 (1993)	
		Haska et al., Starch, Vol. 43, No. 3, pp. 102-107 (1991)	
		Hayashida et al., Agric. Biol. Chem., Vol. 45, No. 12, pp. 2675-2681 (1981)	
		Hayashida et al., Applied and Environmental Microbiology, Vol. 54, No. 6, pp.1516-1522 (June 1988)	
		Hayashida et al., Agric. Biol. Chem., Vol. 46, No. 7, pp. 1947-1950 (1982)	
		Hayashida et al., Agr. Biol. Chem., Vol. 39, Vol. 11, pp. 2093-2099 (1975)	
		Hayashida et al., Agr. Biol. Chem., Vol. 40, No. 1, pp. 141-146 (1976)	
		Hayashida et al., Agr. Biol. Chem., Vol. 42, No. 5, pp. 927-933 (1978)	
		Hayashida et al., Agr. Biol. Chem., Vol. 46, No. 6, pp. 1639-1645 (1982)	
		Ueda et al., Die Starke, No. 11, pp. 374-378 (1974)	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/561,671
Sheet	3	of	5	Filing Date	December 22, 2005
				First Named Inventor	Viksø-Nielsen et al.
				Art Unit	1651
				Examiner Name	TBA
				Attorney Docket Number	10473.204-US

		Itkor et al., Agr. Biol. Chem., Vol. 53, No. 1, pp. 53-60 (1989)		
		Itkor et al., Biochemical and Biophysical Research Communications, Vol. 166, No. 2, pp. 630-636 (1990)		
		Park et al., Biotechnology and Bioengineering, Vol., XXIV, pp. 495-500 (1982)		
		Abstract of JP 7099979, WPI Acc NO: 1995-182071/199524		
		Abstract of JP 57018991, WPI Acc NO: 1982-18787E/198210		
		Japanese Patent Laid-Open No. 58/005,145 Date January 12, 1983 App No. 56/100,306 Date: June 27, 1981		
		Mikuni et al., Biotechnology and Bioengineering, Vol., XXIX, pp. 729-732 (1987)		
		Norman et al., Cereal: A Renewable Resource, "Ethanol Process Considerations", pp. 651-665		
		Su et al., Kor. J. Appl. Microbiol. Bioeng., Vol. 14, No. 5, pp. 415-420 (1986)		
		Oh et al., Kor. J. Appl. Microbiol. Bioeng., Vol. 15, No. 6, pp. 408-413 (1987)		
		Park et al., Biotechnology and Bioengineering, Vol. XXIV, pp. 495-500 (1982)		
		Pranamuda et al., http://www.actahort.org/books/389/389_15.htm , "Ethanol Production from Raw Sago Starch Under Unsterile Condition"		
		Robertson et al., "Native or Raw Starch Digestion: A Key Step in Energy Efficient Biorefining of Grain"		
		Saha et al., Biotechnology and Bioengineering, Vol. XXV, pp. 1181-1186 (1983)		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/561,671
Sheet	4	of	5	Filing Date	December 22, 2005
				First Named Inventor	Viksø-Nielsen et al.
				Art Unit	1651
				Examiner Name	TBA
				Attorney Docket Number	10473.204-US

		Suresh et al., Bioprocess Engineering, Vol. 21, pp. 165-168 (1999)		
		Ueda et al., Die Starke, No. 4, pp. 123-128 (1975)		
		Ueda et al., Biotechnology and Bioengineering, Vol. XXIII, pp. 291-299 (1981)		
		Ueda et al., Microbiological Sciences Vol. 1, No. 1, pp. 21-24 (1984)		
		Ueda et al., Die Starke, No. 11, pp. 374-378 (1974)		
		Yasmeen et al., Poster Presentation 6-23, http://www.ct.ornl.gov/symposium/24th/index_files/poster06_23.htm		
		PMID-8836148, "Raw Starch-digesting and thermostable alpha-amylase from Cryptococcus sp. S-2: purification, characterization, clone sequencing" (1996)		
		Richardson et al., J. Biol. Chem., Vol. 277, Issue 29, pp. 26501-26507, (July 19, 2002)		
		Shiau et al., Applied and Environmental Microbiology, Vol. 69, No. 4, pp. 2383-2385 (April 2003)		
		Labaut et al., Starch, Vol. 37, No. 5, pp. 157-161 (1985)		
		W.M. Ingledew, Chapter 5, "Alcohol Production by <i>Saccharomyces Cerevisiae</i> : a yeast primer", pp. 49-87		
		Saha et al., J. Ferment. Echnol., Vol. 61, No. 1, pp. 67-72 (1983)		
		Singh et al., J. Basic Microbiol. Vol. 35, No. 2, pp. 117-121 (1995) Lin et al., Biotechnol. Appl. Biochem., Vol. 28, pp. 61-68 (1998)		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/561,671
				Filing Date	December 22, 2005
				First Named Inventor	Viksø-Nielsen et al.
				Art Unit	1651
				Examiner Name	TBA
Sheet	5	of	5	Attorney Docket Number	10473.204-US

		Hayashida et al., Vol. 10, p. 529-535 (1974) Abstract Only	
--	--	---	--

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents, Washington, DC 20231.